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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/655,681	09/06/2000	Paul C. Ulrich	12935-1	8969

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EXAMINER

NGUYEN, HAI V

ART UNIT	PAPER NUMBER
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2142

DATE MAILED: 04/06/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

PRC

Office Action Summary

Application No.

09/655,681

Applicant(s)

ULRICH, PAUL C.

Examiner

Hai V. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to ^{application} communication(s) filed on 06 September 2000.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>2</u> . | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. This Office Action is in response to the application filed on 06 September 2000.
2. Claims 1-24 are presented for examination.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Douglis et al.** Us patent no. **6,587,877 B1** in view of **Flockhart et al.** US patent no. **6,563,920 B1**.

5. As to claim 1, Douglis, Management Of Time And Expense When Communicating Between A Host And A Communication Network, discloses a method for managing electronic communications:

recording a direction (*connection*) of a first electronic communication between a first entity and a second entity (*col. 2, line 16 – col. 3, line 35*);

determining a duration required for said second entity to process said first electronic communication (*col. 2, line 63 – col. 3, line 35*);

storing said electronic communication, said direction, said duration, and identities of said first and said second entities in a database with at least one other data record of a second electronic communication (*col. 2, line 16 – col. 3, line 35; col. 4, line 42 – col. 5, line 2*); However, Douglis does not explicitly disclose establishing a standard duration

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from said first and said second communications. Thus, the artisan would have been motivated to look into the related networking management arts for potential methods and apparatus for implementing the establishment of standard duration from said first and said second communications.

In the same field of endeavor, Flockhart, related Method And Apparatus For Processing Of Communications In A Call Center Based On Variable Rest Period Determinations, discloses (e.g., rest period of defined duration) that a JIT delivery of work feature is provided in which the precise time of future availability of the agent is determined based on the rest period is used to schedule at least one event prior to delivery of particular communication to that agent (*Flockhart, col. 3, lines 10-25*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Flockhart's teachings of the defined duration with the teachings of Dougliis, for the purpose of *providing better achievement in efforts to create equal and reasonable workload and a predefined mix of call* (*Flockhart, col. 8, lines 35-47*). Dougliis also suggests that the server program can be configured to automatically and dynamically set preferences including budgets and time constraints for various means of communications (*Dougliis, col. 2, lines 45-63*).

Dougliis-Flockhart discloses comparing subsequent electronic communications to said standard duration (*Flockhart, col. 7, lines 9-64*), whereby productivity of communicating entities may be determined through electronic communications (*Flockhart, col. 7, lines 9-64*).

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6. As to claim 2, Dougliis-Flockhart discloses, further comprising the step of graphically presenting said first and said second communications (*Douglis, Fig. 4; Flockhart, col. 3, lines 27-39*).

7. As to claim 3, Dougliis-Flockhart discloses, further comprising the steps of: receiving a plurality of user-defined standards (*Douglis, col. 3, lines 12-36*); and alerting a user when a communication violates one of said plurality of standards (*Douglis, col. 3, lines 12-36*).

8. As to claim 4, Dougliis-Flockhart discloses, further comprising the step of reading a message-specific standard duration from metadata of a received electronic communication (*Flockhart, col. 6, line 48 – col. 7, line 64*).

9. As to claim 5, Dougliis-Flockhart discloses, further comprising the steps of: determining a subject matter (*Flockhart, work item*) for each received communication (*Flockhart, col. 6, line 48 – col. 7, line 64*); and storing said determined subject matter in said database in the data record for that electronic communication (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64*).

10. As to claim 6, Dougliis-Flockhart discloses, wherein the step of determining the subject matter further comprises reading subject matter data from said metadata (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64*).

11. As to claim 7, Dougliis-Flockhart discloses, wherein said first entity and said second entity are users and further comprising the steps of: determining for each said user the time applied by that user to a selected subject matter (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64*); and

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providing each said user with a rank (*Flockhart, Fig. 3, range*) in response to said time determining step (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64*).

12. As to claim 8, Dougliis-Flockhart discloses, further comprising the step of associating said rank with business data (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64; col. 7, lines 47-59; col. 10, lines 61-67*).

13. As to claim 9, Dougliis-Flockhart discloses, wherein said electronic communications further comprise telephone calls (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64; col. 7, lines 47-59; col. 10, lines 61-67*).

14. As to claim 10, Dougliis-Flockhart discloses, wherein said electronic communications further comprise e-mails (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64; col. 7, lines 47-59; col. 10, lines 61-67*).

15. As to claim 11, Dougliis-Flockhart discloses, wherein said electronic communications further comprise video data (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64; col. 7, lines 47-59; col. 10, lines 61-67*).

16. As to claim 12, Dougliis-Flockhart discloses, wherein said electronic communications further comprise transferred data files (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64; col. 7, lines 47-59; col. 9, line 50 – col. 10, line 14; 55; col. 10, lines 61-67*).

17. As to claim 13, Dougliis-Flockhart discloses, wherein said transferred data files further comprise mixed media data (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64; col. 7, lines 47-59; col. 9, line 50 – col. 10, line 14; 55; col. 10, lines 61-67*).

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18. As to claim 14, Dougli-Flockhart discloses, wherein said electronic communications further comprise instant messaging (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64; col. 7, lines 47-59; col. 10, lines 61-67*).

19. As to claim 15, Dougli-Flockhart discloses, wherein said electronic communications further comprise image files (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64; col. 7, lines 47-59; col. 10, lines 61-67*).

20. As to claim 16, Dougli-Flockhart discloses, wherein said step of establishing a standard duration further comprises establishing said standard duration using the size and data format of the electronic communication (*Flockhart, Fig. 3; col. 6, line 48 – col. 7, line 64; col. 7, lines 47-59; col. 10, lines 61-67*).

21. Claim 17 is corresponding system claim of claim 1; therefore, it is rejected under the same rationale as in claim 1.

22. Claims 18-24 have similar limitations of claims 2-8; therefore, they are rejected under the same rationale as in claims 2-8.

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23. Further references of interest are cited on Form PTO-892, which is an attachment to this action.

24. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hai V. Nguyen whose telephone number is 703-306-0276. The examiner can normally be reached on 6:00-3:30 Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey can be reached on 703-305-9705. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hai V. Nguyen
Examiner
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JACK B. HARVEY
SUPERVISORY PATENT EXAMINER